

ERDEY-GRUZ, Tibor; DEVAY, Jozsef; SZEGEDI, Robert

Effect of sinusoidal current on electrode processes. VII. Effect of the unequal distribution of alternating current on the corrosion of Zn.  
Magy kem folyoir 67 no.12:535-537 D '61.

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemiai es Radiologial  
Tanszeke, Budapest es Magyar Tudomanyos Akademia Elektrokemial Kutato  
Csoportja.

ERDEY-GRUZ, Tibor, prof., dr. (Budapest VIII., Puskin u.11-13);  
DEVAY, Jozsef, dr. (Budapest VIII., Puskin u.11-13);  
SZEGEDI, Robert (Budapest VIII., Puskin u.11-13)

On the effect of sinusoidal current on electrode processes.III.  
The effect of sinusoidal current on the distribution of  
electrolyzing direct current on mercury cathode. Acta chimica  
Hung 31 no.4:407-414 '62.

1. Lehrstuhl fur physikalische Chemie und Radiologie L. Eotvos  
Universitat, Budapest; und Forschungsgruppe fur & Elektrochemie  
der Ungarischen Akademie der Wissenschaften, Budapest. 2. "Acta  
Chimica Academiae Scientiarum Hungaricae" szerkeszto bizottsagi  
tagja (for Erdey-Gruz).

ERDEY-GRUZ, Tibor, prof., dr. (Budapest, VIII.; Puskin u. 11-13); DEVAY,  
Jozsef, dr. (Budapest, VIII., Puskin u. 11-13); SZEGEDI, Robert  
(Budapest, VIII., Puskin u. 11-13)

On the effect of a sinusoidal current on electrode processes. IV.  
Acta chimica Hung 32 no.3:355-361 '62.

1. Lehrstuhl fur physikalische Chemie und Radiologie der Lorand  
Eotvos Universitat, Budapest, und Elektronische Forschungsgruppe  
der Ungarischen Akademie der Wissenschaften, Budapest.  
2. Mitglied, Redaktionskollegium, "Acta Chimica Academiae  
Scientarum Hungaricae." (for Erdey-Gruz).

ERDEY-GRUZ,Tibor; DEVAY,Jozsef; SZEGEDI,Robert

The effect of sinus currents on electrode processes.VIII.  
Effect of alternating currents on the strength of direct currents flowing between polarized Zn-electrodes. (To be contd.)  
Magy kem folyoir 68 no.4:140-142 Ap '62

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemiai es Radiologist & Tanszeke, es Magyar Tudomanyos Akademia Elecktrokemiai Kutato Csoportja, Budapest. "Magyar Kemiai Folyoirat" felelos szerkesztoje(for Erdey-Gruz).

ERDEY-GRUZ, Tibor; DEVAY, Josef; SZEGEDI, Robert

Effect of sine currents on electrode processes. XI. Effect of alternating currents on the Hg-Zn corrosion in the case of the processes of mixed control. Magy kem folyoir 68 no.5:190-193 My '62.

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemiai Tanszeke, Budapest, es a Magyar Tudomanyos Akademia Elektrokemial Kutato Csoportja, Budapest. 2. "Magyar Kemiai Folyoirat" felelos szerkesztoje (for Erdey-Gruz).

ERDEY-GRUZ, Tibor, prof., dr. (Budapest, VIII., Puskin u.11-13); DEVAY,  
Jozsed, dr. (Budapest, VIII., Puskin u.11-13); SZEGEDI, Robert  
(Budapest, VIII., Puskin u.11-13)

On the effect of a sinusoidal current on electrode processes.  
VII. Acta chimica Hung 35 no.1:29-35 '63.

1. Lehrstuhl fur Physikalische Chemie und Radiologie der  
L. Eotvos-Universitat, Budapest, und Forschungsgruppe fur  
Elektrochemie der Ungarischen Akademie der Wissenschaften,  
Budapest. 2. Mitglied, Redaktionskollegium, "Acta Chimica  
Academiae Scientiarum Hungaricae." (for Erdey-Gruz).

ERDEY-GRUZ, Tibor, dr., prof. (Budapest, VIII., Puskin u. 11-13);  
DEVAY, Jozsef, dr. (Budapest, VIII., Puskin u. 11-13);  
SZEGEDI, Robert (Budapest, VIII., Puskin u. 11-13)

On the effect of a sinusoidal current on electrode processes.  
VIII. Acta chimica Hung 35 no.2:171-177 '63.

1. Lehrstuhl fur Physikalische Chemie und Radiologie der L. Eotvos Universitat, Budapest, und Forschungsgruppe fur Elektrochemie der Ungarischen Akademie der Wissenschaften, Budapest.
2. Mitglied, Redaktionskollegium, "Acta Chimica Academias Scientiarum Hungaricae" (for Erdey-Gruz).

ERDEY-GRUZ, Tibor, prof. dr. (Budapest, VIII., Puskin u.11-13);  
DEVAY, Jozsef, dr. (Budapest, VIII., Puskin u.11-13);  
SZEGEDI, Robert (Budapest, VIII., Puskin u.11-13)

On the effect of a sinusoidal current on electrode processes.  
Pt. 11. Acta chimica Hung 37 no.1:65-70 '63.

1. Lehrstuhl fur Physikalische Chemie und Radiologie der Lorand Eotvos Universitat, Budapest, und Forschungsgruppe fur Elektro-chemie der Ungarischen Akademie der Wissenschaften, Budapest.
2. Mitglied, Redaktionskollegium, "Acta Chimica Academiae Scientiarum Hungaricae" (for Erdey-Gruz).

ERDY-GRUZ, Tibor; DEVAY, Jozsef; SZECEEDI, Robert; GALDI, Anna

Effect of sinusoidal current on electrode processes.Pt.15. Magy  
kem folyoir 69 no.7:296-311 Jl '63.

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemial es Radiologial  
Tanszeke, Budapest; Elektrokemiai Akademiai Kutato Cseport.
2. "Magyar Kemial Folyoirat" felclos szerkesztoje (for Erdey-  
Gruz).

L 021-45 35/61/54/2001-07/13/2001  
ACCESSION NR: AT5021537

HU/2502/64/042/003/0191/0205

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E 62718-65  
ACCESSION NR: AT5021537

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ASSOCIATION: Department of Physical Chemistry and Radiochemistry, L. Eotvos University, Budapest; Group for Electrochemistry, Department of Physical Chemistry, University of Chemical Industry, Veszprem

SUBMITTED: 08Jan64

ENCL: 00

SUB CODE: MM, EM

NR REF Sov: 000

OTHER: 013

JPRS

Card 2/2

1 62719-65 EPF(c) X&P(b)/EWA(d)/EXP(t) JD/NB

HU/2502/64/042/003/0207/0226

ACCESSION NR: AT5021538

ATTACH: Devai, Dezső (Devi, Y.; Dezső); Szegedi, Robert (Segedi, R.);

Dezső, László (László);

TITLE: Effect of alternating current on the electrolytic corrosion of steel.  
Part 1: Laboratory measurements of corrosion affected by alternating current

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 42, no.3, 1964, 207-226

TOPIC TAGS: alternating current, steel, metal surface, corrosion, pipe

ABSTRACT: Laboratory measurements conducted on steel rods confirmed the general findings reported in part 1 of this series (Acta Chimica Academias Scientiarum Hungaricae, vol 42, no 3, Dec 1964, pp191-205; same issue, preceding article) on the basis of model experiments. It was assumed that the corrosive effect of the alternating current on the homogeneous metal surface and on the local elements is combined with the corrosion effect caused by the non-homogeneous distribution of the alternating current. Orig. art. has: 4 formulas, 1 table, 11 graphs, 9 figures.

Cards 1/2

L 62719-65

ACCESSION NR: AT5021538

ASSOCIATION: Group for Electrochemistry, Department of Physical Chemistry,  
University of Chemistry Industry, Veszprem

SUBMITTED: 08Jan64

ENCL: 00

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SUB CODE: MM, EE

OTHER: 002

JPRS

NR REF Sov: 000

Card 2/2

SZEGEDI, S.

"Preventing the Sinking of Vineyards Grown in Sandy Soil" p. 335  
(Agrartudomány, Vol. 5, No. 11, November, 1953, Budapest)

East European Vol. 3, No. 3  
SO: Monthly List of ~~Russian~~ Accessions, Library of Congress, March 1954, Uncl.

HUNGARY / Cultivated Plants. Fruits, Berries,  
Nutbearing, Teas.

M-6

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6466  
Author : Szegedi, Sandor  
Inst : Not given  
Title : Deep Planting of Grapes on Sandy Soils  
Orig Pub : Kerteszet es szoleszet, 1958, 7, No 23, 6-8  
Abstract : No abstract given

Card 1/1

ANDRASI, Elemer; SZEGEDI, Sandor

Our fine grape growing in the region between the Danube and  
the Tisza. Elet tud 15 no.43:1364-1367 23 0 '60.

1. Szoleszeti Kutatointezet tudomanyos munkatarsai.

SZEGEDI, S.; TAMASI, J.; POLYAK-MESZES, Gabrielle

Comparative analysis of the underground and aboveground parts  
of grapevine stocks in case of regular and deep planting. Acta  
agronom Hung 12 no.1/2:141-166 '63.

1. Station "Mathiasz Janos" de L'Institut des Recherches Viti-  
coles, Kecskemet (Katonatelep), Institut des Recherches D'Horti-  
culture, Budapest, Section Generale de L'Institut pour la Plani-  
fication des Plantations.

SZEGEDI VARGHA, J.

SZEGEDI VARGHA, J. - Mechanizing manual works in the machine industry. II  
(to be contd.) p. 248.  
Vol. 8, no. 7, July 1956  
GEP - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4 - April 1957

SZEGEDI VARGHA, J.

Mechanization of manual operations in the machine industry, Pt. 2,  
p. 285, GEP (Gepipari Tudomanyos Egyesulet) Budapest, Vol. 8,  
No. 8, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

SZIGEDI-VARGHA, J.

Cogwheels cut by drawing and die rolling.

P. 255. (GEP.) (Budapest, Hungary) Vol. 9, No. 7/8, Oct./Nov. 1957

SC: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

SZEGEDI VARGHA, Laszlo

"Operation of electric machines" by Miklos Uray. Reviewed by  
Laszlo Szegedi Vargha. Gepgyartastechn 2 no.6:226 Je '62.

D/EGEBY, Emil

Significance of testing nonferrous metals in the field of  
archaeology. Kch lap 97 no.5;Suppl.;Gntode 15 no.5;111-114  
My'64.

EXCERPTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4427. CONTRIBUTIONS TO THE CHRONIC LEAD-TETRAETHYL POISONING  
Adatok a chronicus ölöm-tetraethyl mérgezéshez Szegedy L. Orvostud.  
Egyet. Psychiat. Klin. Közl., Budapest - ORV. HETIL. 1958, 99/30 (1037-  
1039)

Lead-tetraethyl which is mixed with motor gasoline in 2.2-3.3% has a special  
place in the extensive group of the lead poisonings. In the reported 2 cases the

characteristic symptoms of the anorganic lead poisoning were not observable. Loss of appetite, nervousness, emotional lability, which are characteristics of encephalopathy saturnina, were observable in one of the cases, whereas they were not seen in the other. The presence of poisoning was verified in both cases by increase of the urinary lead excretion, further by neurological symptoms, such as static and intentional tremor in the extremities, cerebellar ataxia and, in the 2nd case, the atrophy of the small hand muscles as well. The poisoning characteristics of lead-tetraethyl come from its volatility and lipid dissolubility. Its toxicity is caused by the lead content. Its great toxicity compared to other, anorganic lead compounds, comes from the several ways of resorption. The resorption takes place primarily via the lungs, but it may be resorbed through the skin also. According to its lipid dissolubility it primarily involves the central nervous system. Two forms of lead-tetraethyl poisonings are known: (1) In acute cases, after a prodromal state, during some days or weeks, a delirium develops. In bodily relation: central vasomotor disorders, fall of the blood pressure, bradycardia, in neurologic respect tremor and cerebellar ataxia are characteristic. (2) In chronic cases, apart from hypotension, bradycardia, tremor and cerebellar ataxia, neurasthenic symptoms are observable.

Szegedy - Budapest

SZEGEDY, Laszlo, Dr.; SZOBOR, Albert, Dr.

Atypical asymptomatic spinal fibroblastoma producing total compression of the spinal cord. Ideg. szemle 12 no.8:242-246 Aug 59

1. A Budapesti Orvostudomanyi Egyetem Psychiatriai klinikajának  
(igazgató: Nyiro Gyula dr. egyetemi tanár) közleménye.  
(FIBROMA, compl)  
(SPINE, neopl.)  
(SPINAL CORD, pathol.)

SZEGEDY, Laszlo, dr.

Von Bogaert's leukoencephalitis sclerotisans subacuta. Orv.  
hetil. 100 no.48:1730-1732 N '59.

1. A Budapesti Orvostudomanyi Egyetem Psychiatriai klinikajának  
(igazgató: Nyiro Gyula dr.egyetemi tanár) kozlemenye.  
(LEUKOENCEPHALITIS)

FORNADI, Ferenc, dr.; POHL, Odon, dr.; SZEGEDY, Laszlo, dr.

Data on clinical and pathological aspects in DDT intoxication.  
Ideggyogy. szemle 14 no.11:313-323 N '61.

1. Budapesti Orvostudomanyi Egyetem Psychiatriai Klinikaja (Igazgato:  
Nyiro Gyula dr. egyetemi tanar).

(DDT toxicol)

FORNADI, Ferenc, dr.; FRATER, Rozsa, dr.; SZEGEDY, Laszlo, dr.

Epilepsy provoked by television. Orv. hetil. 105 no.42:1980-  
1982 O 18 '64.

1. Budapesti Orvostudomanyi Egyetem, Psychiatriai Klinika  
(igazgato: Nyiro Gyula dr.).

TALLIAN, F.; PUSKAS, E.; HERNADY, A.; SZEGEDY, L.; TOMKA, I.

Fetal injuries in forceps delivery. Acta chir. acad. sci. Hung. 6 no.4:353-364 '65.

On the effect of breech presentation on the fetus. (Results of follow-up studies). Ibid.:375-383

I. II. Frauenklinik (Direktor: Prof. Dr. I. Zoltan), I. Kinder-klinik (Direktor: Prof. Dr. P. Gegesi-Kiss), Psychiatrische Klinik (Direktor: Prof. Dr. Gy. Nyiro) der Medizinischen Universitat und Landesinstitut fur Neurochirurgie (Direktor: Dr. L. Zoltan), Budapest. Submitted November 25, 1964.

L 32095-66

ACC NR: AP6020671

SOURCE: CODE: HU/0032/66/000/001/0028/0032

22  
B

AUTHOR: Szegedy, Laszlo (Doctor); Hajts, Géza (Doctor)

ORG: Psychiatric Clinic /directed by Dr., Prof. Gyula Nyiro/ (Budapesti Orvostudományi Egyetem, Psychiatriai Klinika)

TITLE: Carotid angiography on aged and arteriosclerotic patients

SOURCE: Ideggyógyászati szemle, no. 1, 1966, 28-32

TOPIC TAGS: circulatory system disease, brain

ABSTRACT: A report is given on 422 cases of carotid angiography performed on aged patients and patients with cerebrovascular damage. In the course of 482 angiographic examinations, no complications were encountered at all. A pronounced improvement was noted in 64 patients following angiography. Based on literature data and on their own cases, the problems of the performance of angiography in the presence of vascular disease are analyzed by the authors. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUB DATE: none

Card 1/1 BLG

HUNGARY

FORNADI, Ferenc, Dr, SZEGEDY, Laszlo, Dr, HAITS, Geza, Dr; Medical University of Budapest, Psychiatric Clinic (acting chairman: FORNADI, Ferenc, Dr, docent) (BOTE -- Budapesti Orvostudomanyi Egyetem, Psychiatrai Klinika).

"Subarachnoidal Hemorrhage, Repeated Five Times, Originating in the Arteriovenous Vessel Conglomerate of the Brain Stem."

Budapest, Idegyogyaszati Szemle, Vol XX, No 1, Jan 67, pages 44-48.

Abstract: [Authors' Hungarian summary] The case of a 45 year old woman is reported. Within 15 years, the patient was hospitalized 5 times for repeated subarachnoidal hemorrhages. The case is of clinical interest because of the good general condition and relatively well preserved personality of the patient during the times between the individual hemorrhages. The hemorrhage originated from an arteriovenous aneurysm situated in the upper third of the mesencephalon. Together with the repeated hemorrhages, this vessel anomaly may, presumably, also have played a role, by way of altering the hemodynamic conditions, in the development of very pronounced cerebral atrophy and extremely severe vascular changes of arteriosclerotic character. 7 Hungarian, 6 Western references.

1/1

SZABADALI, A.

Dimensioning the motors of reversing roll mills and the selection of optimal pass  
reducing schedule. pt. 2, p. 397.

KOMASZATI ICIOH. (Magyar Bányászati és Kohászati Egyesület) Budapest, Hungary.  
Vol. 11, no. 9, Sept. 1959.

Monthly List of East European Publications (EAL) 1G, Vol. 9, no. 1, Jan. 1960

Uncl.

SZEGHEGYI, Arpad, dr., kohomernok, a muszaki tudomanyok kandidatusa  
Dimensioning the Ilgner flywheel sets. Koh lap 93 no. 9:420-425 S '60.

SZEGHEGYI, Arpad

"Methods for the calculation of rolling forces and the rotational moment in case of hot rolling." Reviewed by Arpad Szeghegyi. Koh lap 93 no.2:91 F '60.

SZEGHEGYI, Arpad, dr., kohomernok, a muszaki tudomanyok kandidatusa

Investigation of some problems of continuous hot strip  
rolling. Koh lap 96 no.10:433-439 0 '63.

SZEGHEGYI, Arpad, Dr., KOMAROMOK

Effect of the electric and rolling engineering characteristics  
of reversing rolling mills on the rolling performance.  
Kch 19597 no. 9:415-418 S '64.

L 34215-66 T/EWP(w)/EWP(t)/ETI JD/DJ  
ACC NR: AP6026084

SOURCE CODE: HU/0014/66/000/003/0104/0105

29  
B

AUTHOR: Szeghegyi, Arpad (Doctor)

ORG: Danube Iron Works (Dunai Vasmu)

TITLE: Study of the factors affecting roll wear

SOURCE: Kohaszati lapok, no. 3, 1966, 104-105

TOPIC TAGS: rolling mill, metal rolling, metallurgic industry

ABSTRACT: A study was made of the factors affecting the wear of rolls in metal rolling mills. The following subjects were discussed: factors affecting the specific roll expenditure; factors affecting the specific roll consumption; mechanism of the wear of rolls in hot-rolling mills; weight losses connected with roll wear; effects of roll quality and hardness on the rate of roll wear; effects of rolled length on roll wear; effects of frictional factors on roll wear; effects of thermal factors on roll wear; effects of roll indentation on roll wear; and plant experiences pertaining to roll wear gathered at Danube Iron Works in the 1963-1964 period. Orig. art. has: 14 figures, 31 formulas and 2 tables. [JPRS: 36,646]

SUB CODE: 13, 05 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 006

Cord 1/1

BLG

UDC: 621.944.3-222:620.16  
091

SZEGEDY, L.

Data on "uremic" injury to the glial structure of the central nervous system. Acta morph. acad. sci. Hung. 12 no.2:227-238 '63.

1. Psychiatrische Klinik (Direktor: Prof. Dr. G. Nyiro) der  
Medizinischen Universitat, Budapest.  
(CENTRAL NERVOUS SYSTEM DISEASES)  
(NEUROGLIA) (UREMIA) (STAINS AND STAINING)  
(PATHOLOGY)

19

A pulse generator ( $d,t$ ) neutron source. Andras Adam,  
László Róna, Zoltán Szabó, and László Szegedi Magyar  
Tudományos Akadémia Körzponali Fiz. Kutatás Intézetének Köz-

lleményei 7, 331-40 (1959).—A horizontal 200-kv. accelerator  
was constructed to produce neutrons. The reaction is T-  
( $d,n$ )He<sup>4</sup> and the target Zr-T. Focusing conditions and  
acceleration performance were investigated. At an ac-  
celerating potential of 150 kv. the flux was  $3 \times 10^7$  n/  
microcoulomb. The n yield decreased by using the same  
target for a considerable time.

E. Rose

alt

NEMETH, Geza; RASZL, Karoly; SZABADOS, Laszlo; SZEGHO, Laszlo; TOROK, Antal

Stationary heat distribution in the cylinder-symmetric unit cell of  
the active zone of heterogeneous nuclear reactors in case of convec-  
tive heat transfer. Koz fiz kozl MTA 9 no.1/2:3-23 '61.

1. Magyar Tudomanyos Akademia, Kozponti Fizikai Kutato Intezete,  
Reaktorfizikai es Technikai Laboratorium.

(Nuclear reactors)

NEMET, G.; RASZL, K.; SZAVADOS, L.; SZEGHO, L.; TOROK, A.

Steady temperature distribution in the roll symmetrical cell of the active zone of heterogeneous reactors in case of convective heat transmission. Energia es atom 14 no.12:560-565 D '61.

BIGNIO, Imre; SZEGO, Laszlo

What is the situation on the perlite front? Musz elet 16 no.15:4  
J1 '61.

1. Mineralimpex.

(Perlite)

32721  
H/008/62/000/001/002/002  
B122/B102

26.2231

AUTHORS: Német, G., Raszl, K., Szabados, L., Szeghő, L., Török, A.

TITLE: Steady-state heat distribution in a cylindrical-symmetric unit cell of the active zone of heterogeneous reactors in the case of convective heat transfer

PERIODICAL: Energia és Atomtechnika, no. 1, 1962, 41 - 46

TEXT: Part II. Determination of  $A_n$  coefficients. In Part I it was found that the solution of differential equation  $T(r,z)$  was given by the sum of Laplace's equation (in the form of an infinite series) and of Poisson's equation (in closed form):  $T(r,z) = T_0(r,z) + T_1(r,z)$  (51). In the solution of this differential equation the unknown coefficients  $A_n$  ( $n = 0, 1, 2, 3 \dots$ ) arise. A practicable way of calculating these coefficients is the application of equation systems with an infinite number of unknowns. (Reference is made here and in the following to L. V. Kantorovich and V. I. Krylov: Approximate methods of higher analysis (Hungarian edition, Budapest, 1955)). By this method the following two

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Steady-state heat distribution...

equations are found to yield the system of equations with an infinite number of unknowns for the determination of the  $A_n$ :

$$A_0 = B_0 - \sum_{n=1}^{\infty} A_n \frac{r_n}{1B_n} [1 - (-1)^n] \quad (n = 1, 2, 3, \dots) \quad (73) \text{ and}$$

$$A_k = \frac{B_k}{p_k} - \frac{1}{p_k} \sum_{n=1}^{\infty} A_n \frac{2r_n \beta_n}{1(\beta_n^2 - \beta_k^2)} [1 - (-1)^{n+k}] \quad (74) \quad (n = 1, 2, \dots, (k-1), (k+1), \dots)$$

Coefficients  $B_0$  and  $B_k$  are computable Fourier coefficients of  $f(z)$ . By substitution of  $A_k p_k = X_k$  into equation (74), this equation is transformed to a system of entirely regular equations having (according to a thesis of Kantorovich-Krylov) but one solution which can be determined by the method of successive approximations.  $B_k = O(1/k^2)$ ; from a thesis of the above Soviet authors it follows that  $X_k = O(1/k^2)$ , for the unique solution of the entirely regular equation system tends toward zero with

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32721  
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B122/B102

Steady-state heat distribution...

$k \rightarrow \infty$ . In zeroth approximation  $A_k^{(0)} = 0$ , in first  $A_k^{(1)} = B_k/p_k$ . Coefficients  $A_k$  and  $B_k$  have been computed with data given in Part I and are plotted as functions of  $k$ . In the following the differential equation of heat transfer for an infinitely long fuel element ( $\partial T^2 / \partial z^2 = 0$ ) is solved. Against the correct solution of the differential equation of temperature distribution in the fuel element  $T(r,z)$  and of the longitudinal temperature distribution  $t(z)$  in the coolant developed in Part I, axial heat transfer (in direction  $z$ ) is neglected here. For this case,  $\partial^2 T^* / \partial z^2 = 0$ . This neglection considered, the corresponding approximate solutions  $T^*(r,z)$  and  $t^*(z)$  are obtained. Correct and approximate solutions are compared in the following. From graphs for the temperature distribution in three given cross sections of the fuel element and those for the longitudinal temperature distribution in the coolant, it is evident that differences between results of accurate and approximate calculations amount to a few % for the former, and only some hundredths of % for the latter. The error resulting from the neglect of axial heat transfer increases with the cross section of the fuel element.

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32721  
H/008/62/000/001/002/002  
B122/B102

Steady-state heat distribution...

and with its thermal conductivity, and decreases with its length. If the slenderness ratio of the fuel element  $2R_0/l > 0.05$ , and the thermal conductivity of its material  $\lambda > 10$  kcal/m, the more elaborate method is commendable, especially if the heat-flux density on the mantle is high. Differential equations have been solved for bare fuel elements only. There are 9 figures and 13 references: 12 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Központi Fizikai Kutató Intézet (Central Research Institute of Physics)

Card 4/4

VERTES, Peter; M. KOVACS, Laszlo; SZECHO, Laszlo; VIGASSY, Jozsef

Testing absorption and fission conditions of heterogeneous  
uranium-water systems in the epithermal neutron energy  
range. Koz fiz kozl MTA 12 no.4:263-285 '64.

1. Central Research Institute of Physics, Hungarian Academy  
of Sciences, Budapest.

KAHAN, Agost; SZEGHY, Gergely; VAJDA, Peter; MOLNAR, Imre

Virus agglutination (Hirst phenomenon) with trachomatic washwater. Szemeszet 93 no.2:56-60 June 56.

1. A Szegedi Orvostudomanyi Egyetem Szemklinikajának kozlemenye.  
(igazgató: Kukan, Ferenc Egyetemi tanár, az orvostudományok kandidátusa).

(TRACHOMA, virus

Hirst phenomenon, produced by trachomatic washwater (Hung)

(VIRUSES

trachoma, production of Hirst phenomenon by trachomatic washwater (Hung)

(AGGLUTINATION

Hirst phenomenon produced by trachomatic washwater (Hung))

SZEGHY, Gergely; KAHAN, Agost; VAJDA, Peter

Trachoma and blood clotting. Szemeszet 93 no.2:60-65  
June 56.

1. A szegedi Orvostudomanyi Egyetem Szemklinikajának  
kozleménye. (Igazgató: Kukan, Ferenc egyetemi tanár, az  
orvostudományok kandidátusa).

(TRACHOMA

trachomatic tear & washwater eff. on blood coagulation  
(Hun))

(BLOOD COAGULATION

eff. of trachomatic tear & washwater (Hun))

VAJDA, Peter; KAHAN, Agost; SZEORY, Gergely

Trachoma and fibrinolysis. Szemeszet 93 no.2:65-67 June 56.

1. A Szegedi Orvostudomanyi Egyetem Szemklinikajának közleménye  
(igazgató: Kukan, Ferenc egyet. tanár, az orvostudományok  
kandidátusa).

(TRACHOMA

trachomatic tear & washwater, fibrinolytic activity &  
isolation of fibrinolytic kathepsin (Hun))

(FIBRIN

fibrinolytic activity of trachomatic tear & washwater,  
isolation of fibrinolytic kathepsin (Hun))

(PROTEASES

fibrinolytic kathepsin, isolation from trachomatic tear  
& washwater (Hun))

SZEGHY, Gergely

KAHAN, Agost; SZEGHY, Gergely; ALPAR, Janos; VAJDA, Peter ; LOVI, Marti

New pathological data on ophthalmological eye diseases. Magy.  
Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.1-2:184-185 1957.

1. A Szegedi Orvostudomanyi Egyetem Szemklinikaja.  
(EYE DISEASES, etiol. & pathogen.  
virus dis., clin. studies (Hun))  
(VIRUS DISEASES  
eye, clin. studies (Hun))

Country : HUNGARY

Category: Pharmacology. Toxicology. Adrenergic Agents.

V

Abs Jour: RZhBiol., No 6, 1959, No 27751

Author : Dirner, Z.; Thuranszky, K.; Szeghy, G.

Inst : Hungarian Academy of Science

Title : On the Pharmacologic Action of Butylsympathom.

Orig Pub: Acta physiol. Acad. sci. hung., 1957, 11, No 1,  
109-120

Abstract: Butylsympathom (I; chlorohydrate p-oxy-omega-n-butylaminoacetophenone), introduced to a cat under urethan narcosis in a dose of 6 mg/kg, decreases arterial pressure by 30-40 mm of mercury column for 20 min.; in a dose of 10-20 mg/kg, I decreases the pressure by 60 mm for the duration of 2-3 hours.

Card : 1/2

SZEGHY GERGELY

Data on the pathophysiology of the cornea. I. Szemeszet 94 no.1:1-6  
May 57.

1. A Szegedi Orvostudomanyi Egyteem Szemklinikajának kozlemenye (igazgató:  
Kukan Ferenc egyet. tanár, az orvostudományok kandidátusa).

(COPNEA, blood supply

vasc. eff. of various drugs, in vivo microscopic study  
in rabbits (Hun))

SZEGHY, Gergely

SZEGHY, Gergely

Data on the pathophysiology of the cornea. II. Szemeszet 94 no.2:64-70  
July 57.

1. A Szegedi Orvostudomanyi Egyetem Szemklinikajának (Igazgató: Kukan  
Ferenc egyet. tanár, az orvostudományok kandidátusa) közlemenye.

(CORNEA, physiol.

fluid uptake by bovine cornea in vitro, biochem. aspects  
(Hun))

*SZEGH*  
SZEGHY, Gergely

Vascular phenomena in the conjunctive in experimental corneal lesions.  
Szemeszet 94 no.4:145-148 Dec 57.

1. A szegedi Orvostudomanyi Egyetem Szemklinikajának kozlemenye (igazgató:  
Kukan Ferenc, egyet. tanár az orvostudományak kandidátusa)

(CONJUNCTIVE, blood supply

vasc. phenomena in exper. corneal lesions (Hung.)

(CORNEA, dis.

exper. lesions inducing vasc. phenomena in conjunctiva (Hung.))

SZEGHY, Gergely

Examination of the interfibrillar spaces in the intact and  
damaged corneas. Szemeszet 96 no.4:152-155 D '59.

1. A Szegedi Orvostudomanyi Egyetem Szemklinikajának közlemenye  
(Igazgató: Kukan Ferenc egyetemi tanár, az orvostudományok  
kandidátusa).

(CORNEA anat & histol)

FOLDI, Mihaly, dr.; SZEGHY, Gergely, dr.; VARGA, Laszlo, dr.

Papilledema produced by the ligation of lymphatic vessels in the neck  
of experimental animals. Orv. hetil. 103 no.10:448 Mr '62.

1. Szegedi Orvostudomanyi Egyetem, II Belgyogyaszati es Szemeszeti  
Klinika.

(PAPILLEDEMA exper) (LYMPHATIC SYSTEM physiol)

SZEGHY, Gergely, dr.; CSANDA, Endre, dr.; FOLDI, Mihaly, dr.

Effect of sympathetic block on papillary and retinal edema. Orv.  
hetil. 103 no.33:1553 19 Ag '62.

1. Szegedi Orvostudomanyi Egyetem, Szemeszeti, Ideg- es Elmekortani es  
II. Belklinika.

(PAPILLEDEMA ther) (RETINA dis)  
(ANESTHESIA CONDUCTION)

FOLDI, M., dr.; KUKAN, F., dr.; SZEGHY, G., dr.; GELLERT, A., dr.; KOZMA, M., dr.; PÖBERAI, M., dr.; ZOLTAN, O.T., dr.; VARGA, L., dr.

Anatomical, histological and experimental data on the fluid circulation of the eye. Orv. hetil. 103 no.38:1789-1792 23 S '62.

1. Szegedi Orvos-tudomanyi Egyetem, II. Egalklinika, Szemklinika es  
Anatomiai Intezet.  
(EYE) (EYE PROTEINS) (LYMPHATIC SYSTEM)

HUNGARY

SZEGHY, G., ZOLTAN, O., T., FOLDI, M.; Medical University of Szeged, Ophthalmic Clinic and II. Medical Clinic (Szegedi Orvostudomanyi Egyetem, Szemklinika es II. Belklinika).

"The Role of Lymphatic Fluid Circulation in the Absorption of a Protein Solution From the Cornea."

Budapest, Orvosi Hetilap, Vol 104, No 43, 27 Oct 63, page 2035.

Abstract: The current view, that the lymphatic system plays no role in the fluid circulation of the cornea, is disproven by the experiments of the authors. The rate of absorption of 0.1 ml homologous serum added to the cornea was found to be very significantly decreased after the lymphatic vessels and nodes of the neck of the animals have been tied off. No references.

1/1

POLGAR, Jozsef, SZEGHY, Gergely

On a case of corneal ulcer caused by Pseudomonas. Szemesztet  
101 no.2:104-107 Ja'64

1. A Szegedi Orvostudomanyi Egyetem Szemklinikajarol (Igaz-  
gato: Kukan, Ferenc, egyetemi tanar).

SZANTAY, Csaba; SZEGHY, Lajos; BEKE, Denes

Data on the chemistry of heterocyclic, pseudobasic amino carbinols.  
XXII. Investigations for detecting the hypothetical amino-aldehyde  
forms on the ground of the II-rate amino group reactions. Magy  
kem folyoir 68 no.6:240-243 Je '62.

1. Budapesti Muzaki Egyetem Szerves-Kemiai Tanszeke.

SEGI, Y.[Szegi, J.]

Effect of the pH value on the development of some cellulose decomposing microorganisms. Agrokem talajtan 13 Suppl.:73-78 My '64.

1. Research Institute of Soil Science and Agricultural Chemistry of the Hungarian Academy of Sciences, Budapest.

SEGI, I. [Szegi, J.]; TIMAR, E.

Synthesis of stimulating and inhibiting substances by means  
of cellulose decomposing microorganisms. Agrokém talajtan 13  
Suppl.:79-86 My '64.

I. Research Institute of Soil Science and Agricultural Chemistry,  
Hungarian Academy of Sciences, Budapest.

SZEGI, J. 1951

(Pharmakol. Inst. U. of Budapest)

"Influence of Concentration on the Intestinal Absorption of Glucose."

Acta Physiol. (Budapest), 1951 2/1 suppl. (30-31)  
No abstr. in Fcc. Med.

Szegi, J.

✓ 2468. Comparative studies of infiltration, conduction, and corneal anaesthetic action. F. Herr, J. Borsi, and J. Szegi. *Acta physiol. Acad. Sci. hung.*, 1954, 6, 363-370 (Pharmacol. Inst., Med. Univ., Budapest, Hungary).—While the infiltration and conduction anaesthetic effect of 21 different local anaesthetics [La] ran parallel their corneal anaesthetic effect differed. Anaesthetics with a strong surface action act on the cornea and at infiltration in the same concn., c/I index = 1. Those with a poor surface action are much less active on the cornea than at infiltration and c/I is much higher than 1. Procaine and cocaine belong to this group. Quaternary La-s act in conduction anaesthesia only in much higher doses than in infiltration anaesthesia. Benzylquaternary compounds are very effective in corneal anaesthesia, while methyl quaternary La-s are extremely weak. (German) A. B. L. BEZNÁK.

3

SZEGI, Jozsef.

Absorption of digitalis glycosides. Kiserletes orvostud. 8 no.3:  
289-294 May 56

1. Budapest. Orvostud. Egyetem Gyogyszertani Intez.

(DIGITALIS, metab.

absorption rate in cat intestines, determ. method (Hun))

(INTESTINES, metab.

absorption rate of digitalis in cats, determ. method  
(Hun))

SZEGI, J.; RAUSCH, J.

Effect of strophanthin on normal and cooled heart-lung preparations of cats. Acta physiol. hung. 13 no.1:79-87 1957.

1. Pharmakologisches Institut der Medizinischen Universitat, Budapest.  
(HEART, artif.  
heart-lung prep. of cats, eff. of strophanthin & influence  
of hypothermia (Ger))  
(HYPOTHERMIA, eff.  
on strophanthin action on heart-lung prep. of cats (Ger))  
(STROPHANTHIN, eff.  
on heart-lung prep. of cats, influence of hypothermia (Ger))

SZEGI, J.; RAUSCH, J.; PUSZTAI, L.

New data on the absorption and elimination of cardiac glycosides.  
Acta physiol. hung. 13 no.4:365-373 1958.

1. Pharmakologisches Institut der Medizinischen Universität, Budapest.  
(DIGITALIS, metabolism  
absorp. & elimination studies in cats (Ger))

RAUSCH, J.; SZEMI, J.; SZIAMKA, I.; NAGY, J.

Relation between the structure and action of morphine and its derivatives. Acta physiol. hung. 15 no.4:329-337 1959

1. Institute of Pharmacology, Medical University, Budapest.  
(MORPHINE, pharmacology)

SZEGI, J.; RAUSCH, J.; MAGDA, K.; NAGY, J.

Relationship between the chemical structure and pharmacological activity of the opium alkaloids. Acta physiol.hung. 16 no.4: 325-335 '59.

1. Institute of Pharmacology, Medical University, Budapest.  
(OPIUM)

RAUSCH, J.; SZEGI, J.; MAGDA, Katalin; NAGY, Julia; BOGNAR, R.; SZABO, S.

Pharmacological study of 6-acetylmorphine methobromide. Acta  
physiol.hung. 18 no.1:71-83 '60.

1. Institut de Pharmacologie de l'Universite Medicale de Budapest  
et Institut de Chimie Organique de l'Universite des Sciences  
"Kossuth Lajos" de Debrecen.  
(MORPHINE, related compounds)

SZEGI, J.; RAUSCH, J.; NAGY, Julia; MAGDA, Katalin

New contributions to the antagonism of morphine and N-allylnormorphine derivatives. Acta physiol. hung. 19 no.1-4:273-285 '61.

1. Pharmakologisches Institut der Medizinischen Universität, Budapest.  
(MORPHINE antag.) (NALORPHINE pharmacol.)

L 14887-66

ACC NR: AT6007413

SOURCE CODE: HU/2505/65/026/00X/0031/0031

AUTHOR: Szegi, J.; Magda, Katalin

ORG: Institute of Pharmacology, Medical University of Budapest (Budapesti  
Orvostudomanyi Egyetem, Gyogyszertani Intezet)

11

3+1

TITLE: Effect of temporary ramus descendens compression on coronary circulation  
and cardiac metabolism in acute dog experiments [This paper was presented at  
the 29th Meeting of the Hungarian Physiological Society held in Szeged from  
2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement,  
1965, 31

TOPIC TAGS: dog, biologic metabolism, circulatory system, hypoxia, animal  
physiology

ABSTRACT:

A close correlation between O<sub>2</sub> saturation of arterial blood and coronary blood flow has been shown by many authors. In the present experiments, the effect of transitory, circumscribed myocardial hypoxia on coronary blood flow has been studied in anesthetized dogs. The coronary sinus blood flow was estimated before, during and immediately after the 1 minute clamping of the descending branch of the left coronary artery. The results were as follows. 1) Coronary blood flow was reduced

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L 14887-66

ACC NR: AT6007413

to  $75.1 \pm 16.6$  per cent of the normal during clamping and increased to  $137.4 \pm 14.9$  per cent after release. 2) This increase in coronary flow is not of reflex origin since it fails to appear if the coronary receptors are paralyzed with cocaine or if the heart is denervated. 3) It is concluded from the increased myocardial lactic acid output during clamping that lactic acid, too, plays a role in the increase of coronary blood flow following temporary hypoxia. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2 10

L 14862-66

ACC NR: AT6007415

SOURCE CODE: HU/2505/65/026/00X/0032/0032

AUTHOR: Magda, Katalin; Szegi, J.

ORG: Institute of Pharmacology, Medical University of Budapest (Budapesti Orvostudomanyi Egyetem, Gyogyszertani Intezet)

TITLE: Effect of monoamino oxidase (MAO) inhibitors on coronary blood flow  
[This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 32

TOPIC TAGS: circulatory system, circulatory system disease, dog, amine, animal physiology, pharmacology, drug effect, enzyme, therapeutics

ABSTRACT:  
Following the introduction of iproniazide, several MAO inhibitors were shown to relieve the complaints of angina pectoris patients. In acute experiments on dogs with open thorax and under positive pressure respiration, the effect of phenyl-isopropyl-methyl-propynylamine (E-250) on coronary blood flow has been studied and compared with that of nialamide. The findings are summarized in the following.  
1) Upon i.v. administration in doses of 0.1, 0.5 and 1.0 mg/kg, E-250 in-

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B+1

L 14862-66

ACC NR: AT6007415

increased the coronary sinus blood flow by 19.5, 34.8 and 38.5 per cent, respectively. The effect appeared immediately after the administration and ceased in 15-20 minutes. 2) The increase in coronary flow was accompanied by hypotension and a slight increase in pulse rate. 3) Therapeutic doses (1-5 mg/kg) of nialamide exerted no significant influence on the coronary blood flow. The results seem to indicate that the prompt increase in coronary blood flow caused by E-250 is not due to MAO inhibition but to some direct or reflex vascular effect. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

SISKA, Miklos; CLAUDER, Otto; RUFF, Ferenc; MAGDA, Katalin; SZEGI, Jozsef

New phenothiazine derivatives II. Acta pharm. Hung. 35 no.6:  
272-279 N '65.

1. Submitted June 14, 1965.

SZEGI, Jozsef

Inactivation of some antibiotic preparations in soils. Agrokem  
talajtan 9 no.2:227-236 '60.

1. Magyar Tudomanyos Akademia Talajtani es Agrokemial Kutato  
Intezet, Budapest, es "Agrokemia es Talajtan" szerkeszto bi-  
zottsagi tagja.

SZEGI, Jozsef

"Microorganisms of soil and the plants of higher classes" by N.A.  
Krassil'nikov, Reviewed by Jozsef Szegi. Agrokom talajtan 9  
no.4:575-576 '60.

1. "Agrokemia es Talajtan" szerkeszto bizottsagi tagja.

SZEGI, Jczsef

The effect of moisture on the decomposition of cellulose in  
certain Hungarian soils. Agrokem talajtan 2 no.1:105-114 Mr  
'62.

1. Magyar Tudomanyos Akademia Talajtani es Agrokemiai Kutato  
Intezete, Budapest, es "Agrokemia es Talajtan" szerkeszto bi-  
zottsagi tagja.

SZABO, Istvan; SZEGI, Jozsef; ERDEI, Sandorne

Taxonomic studies in cellulose decomposing ray fungi. Agrokem  
talajtan 2 no.1:115-122 Mr '62.

1. Magyar Tudomanyos Akademia Talajtani es Agrokemiai Kutato-  
intezete Mikrobiologiai Osztalya, Budapest. 2. "Agrokemia es  
Talajtan" szerkeszto bizottsagi tagja (for Szegi).

SZEGI, Jozsef

Data on the soil microbiological research in some scientific institutes of the Soviet Union. Agrokem talajtan 11 no.2:277-280 Je '62.

1. "Agrokemia es Talajtan" szerkeszto bizottsagi tagja.

SZEGI, Jozsef; GULYAS, Ferenc

Effect of the metabolic products of certain cellulose decomposing microorganisms on the respiration of Azotobacter, as well as on the germinating capacity of alfalfa seeds. Agrokem talajtan 12 no.1:99-106 Mr '63.

1. Magyar Tudomanyos Akademia Talajtani es Agrokemiai Kutato Intezete, Budapest. 2. "Agrokemia es Talajtan" szerkeszto bizottsagi tagja. (for Szegi).

MANNINGER, Erno; SZEGI, Jozsef

The international coordination conference on the application  
of "bacterium manures", held in Leningrad. Agrokem talajtan  
12 no.1:171-174 Mr '63.

1. "Agrokemia es Talajtan" szerkeszto bizottsagi tagja. (for  
Szegi).

SZEGI, P.

Exhibition of Soviet picture books. p. 2 of cover.  
Call from the National Board of the Hungarian Educational Society of Social and  
Natural Sciences to organizations and members of the Society. p. 129

Vol. 115, No. 3, Mar. 1956  
TÖRTÉNET ÉS TÖRSADALOM  
Budapest, Hungary

Source: East European Accession List. Library of Congress  
Vol. 5, No. 8, August 1956

MESROBEANU, I., prof.; ANGELESCU, I., dr.; POPOVICI, Marcela, dr.;  
SZEGEL, Geza, chemist

Third Congress of Microbiology held in Budapest, October 3-5,  
1961. Microbiologia (Bucur) 6 no. 1:90-91 Ja-F '62.

X

TOMA, Ecaterina; SZEGLI, G.; GARTNER, Magda; NEGUT, M.

Contribution to the study of the relation between serum properdin and pyrogenic substances from purified anti-toxic serums. Arch. Roum. path. exp. microbiol. 23 no.4: 967-972 D '64.

1. Travail de l'Institut "Dr. I. Cantacuzino". Submitted June 26, 1964.

SZEGLI, G.; TOMA, Ecaterina; STANICA, Ecaterina; STOIAN, Cecilia;  
GARTNER, Magda

Elimination of pyogenic substances from purified and concentrated  
antitoxic serums. Arch. roum. path. exp. microbiol. 21 no.1:163-170  
Mr '62.

1. Service de Biochimie Generale de l'Institut "Dr. I. Cantacuzino.  
(for Szegli, Toma). 2. Service de la Diphtherie de l'Institut "Dr.  
I. Cantacuzino (for Stanica, Stoian). 3. Laboratoire Central pour  
le Controle d'Etat des Serums et des Vaccins-Bucarest de l'Institut  
"Dr. I. Cantacuzino (for Gartner).

(TOXINS AND ANTITOXINS)

SZEGLI, G.; TOMA, Ecaterina; GARTNER, Magda

Contribution to the problem of determination of the degree of  
despeciation of purified antitoxic serums. Arch. roum. path.  
exp. microbiol. 23 no. 3:791-796 S'63

1. Institut "Dr. T. Cantacuzino": Service de Biochimie Generale  
et d'Immunochimi, Bucarest (for Szegli, Toma) 2. Laboratoire pour le  
Controle d'Etat des Serums et des Vaccins, Bucarest (for Gartner).

ZARNEA, G., Assist. Prof.; VASILIU, V.; VOICULESCU, R.; ISRAEL, H.; PEREDERY, S.;  
TUNARU, C.; SZEGELI, L.; POPESCU, F.; IONESCU, H.

A study on a Q fever focus due to horses as a source of infection.  
Rumanian M. Rev. 2 no.2:20-21 Apr-June 58.

(Q FEVER, transm.  
by horses in Rumania)  
(HORSES, dis.  
Q fever, transm. to humans in Rumania)

ZARNEA, G.; ALEXANDRESCO, N.; IONESCO, Honorina; VOICOULESCO, R.; SZEGLI,  
Lucia; PEREDERI, S.; MUNTEANU, P.

Epidemiological research on a focus of Q fever on an agrozootechnical  
farm. Arch. Roum. path. exp. microbiol. 20 no.1:1-12 Mr '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" - Service des Rickettsioses -  
et de la Station sanitaire anti-épidémique (SANEPID) d'Arad.

(Q FEVER epidemiol)

NESTORESCO, N.; ALEXENCO, Ecaterina; GEORGESCO, Colette; TUPA, Sanda;  
SZEGLI, Lucia; CAFFE, Ileana

Characteristics of the antibiotic resistance of certain strains of  
Staphylococcus and Salmonella isolated from patients undergoing  
antibiotic treatments. Arch. Roum. path. exp. microbiol. 20 no.3:  
381-385 S '61.

1. Travail de l'Institut "Dr. I.Cantacuzino" Service des  
Enterobacteriacees.  
(STAPHYLOCOCCUS pharmacology) (SALMONELLA pharmacology)  
(ANTIBIOTICS pharmacology)

NESTORESCO, N.; CRACEA, E.; TUPA, Alexandra; SZEGLI, Lucia

Role of amino acids and purine and pyrimidine bases on the adsorption  
of bacteriophages of the Vi type on lysosensitive S. typhi. Arch.  
roum. path. exp. microbiol. 21 no.2:267-272 '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" -- Centre National de  
Bacteriophages-References.

(SALMONELLA PHAGES) (SALMONELLA TYPHOSA)  
(AMINO ACIDS) (PURINES) (PYRIMIDINES)

POPOVICI, Marcella; NESTORESCO, N.; SZEGLI, Lucia; FILIPESCO, S.; BERCOVICI, C.;  
IOSUB, C.; BESLEAGA, Virginia

Research with a view to extending the set of phages used in phage  
typing of *S. typhimurium*. Arch. roum. path. exp. microbiol. 21  
no.2:359-368 '62.

1. Institut "Dr. I. Cantacuzino" -- Bucarest (for Popovici, Nestoresco,  
Szegli, Filipesco). 2. Institut d'Hygiene -- Jassy (for Bercovici,  
Iosub, Besleaga).

(SALMONELLA TYPHIMURIUM) (SALMONELLA PHAGES)  
(BACTERIOPHAGE TYPING)

ISTRATI, G.; SZEGLI, Lucia; CIUFECO, C.; FILIPESCO, S.; DOBRE, Maria

Sereny test produced by certain Salmonellae. Arch. Roum.  
path. exp. microbiol. 22 no.1:101-107 Mr '63.

(KERATOCONJUNCTIVITIS) (CONJUNCTIVITIS)  
(SALMONELLA INFECTIONS, ANIMAL)

POPOVICI, Marcella; SZEGLI, Lucia.

Research on atypical Salmonella. Arch. roum. path. exp. micro-  
biol. 23 no.3:537-542 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service des  
Enterobacteriacees, Bucarest.

POPOVICI, Marcella; SZEGLI, Lucia; SOARE, Luiza; NEGUT, Aurora;  
DIMITRIU, N.; STANCIU, Victoria

Role of germs of the Citrobacter group in the etiology of  
alimentary toxinfections. Arch. Roum. path. exp. microbiol.  
23 no.4:1005-1010 D '64.

1. Travail de l'Institut "Dr. I. Cantacuzino". Submitted  
June 26, 1964.

RUMANIA

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SZEGILL, Lucia, Dr, MOSCU, M., Dr, NEGUT, M., Dr, SALNEA, I., Dr, PEAHA, Margareta, Dr, and ZAMFIR, Maria, Technician. Work performed at the "Dr I. Cantacuzino" Institute of Microbiology, Parasitology, and Epidemiology (Institutul de Microbiologie, Parazitologie, si Epidemiologie "Dr. I. Cantacuzino"), Bucharest.

"Isolation of Salmonella vom from a Focus of Toxicoinfectious Infection."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 5, Sep-Oct 66, pp 413-418.

Abstract [Authors' English summary modified]: The authors report an outbreak of alimentary toxininfection with a strain of B-group salmonella, namely Salmonella vom. Approximately 400 individuals were affected after eating some pork; the germs were isolated from approximately 47 percent of the patients and from the meat. The clinical evolution was benign. The germs were sensitive only to streptomycin, chloramphenicol and neomycin.

Includes 5 references, of which 3 Rumanian, one German and one English-language. -- Manuscript submitted 9 December 1965.

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Ammoniacal extraction of zinc out of zincspar. Rudy i metale 6 no.6:  
258-261 Je '61.